AudioCodes Solutions for On-Premises Lync Deployments
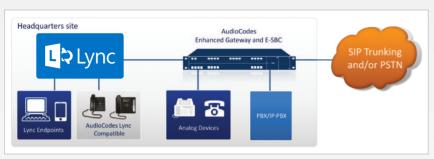
On-Premise — Enterprise Headquarters and Data Centers

AudioCodes' solutions for head office or data center deployments of Lync have a dual focus:
- Enabling a smooth migration from existing legacy telephony systems to IP-based environments
- Offering future-proof platforms that ensure reliability, security and scalability

AudioCodes Lync-qualified **enhanced gateways** enable seamless connectivity between Lync and legacy enterprise telephony systems (PBXs) and the PSTN both during and after the migration process. Using AudioCodes **Enterprise Session Border Controllers**, enterprises can interconnect securely and reliably with efficient and cost-effective SIP trunking services. End users benefit from high definition voice quality using AudioCodes **Lync-compatible IP Phones**.

Network administrators can utilize AudioCodes' powerful **management applications** to configure, monitor and troubleshoot voice elements across the entire enterprise network. Voice quality issues can be identified and rectified at an early stage using AudioCodes **Session Experience Manager (SEM)**. AudioCodes **SmartTAP Call Recording** solution offers seamless passive call recording for any Lync calls.
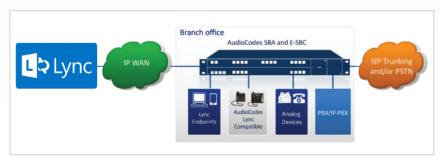
Branch Offices

AudioCodes' solutions for branch offices are designed to provide:
- A variety of end-user voice connectivity options
- Uninterrupted communications services

AudioCodes **Survivable Branch Appliances (SBAs)** offer branch-office resiliency for up to 1,000 users, ensuring Lync services are maintained during WAN outages. Smaller branches can deploy the Resilient Branch Appliance (RBA) to achieve Lync survivability.

Branch office users can benefit from high definition voice quality with AudioCodes' **Lync-compatible IP Phones**. Legacy analog equipment such as fax machines can continue to be used in the Lync environment via AudioCodes' field-proven **analog gateways**. Additional enterprise communications software solutions (such as **SmartTAP Call Recording** and **Auto-attendant**) are available as optional add-ons to the existing branch gateway, E-SBC or SBA platforms.

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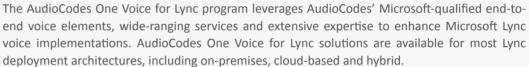

AudioCodes One Voice for Microsoft Lync

Qualified Voice Infrastructure for Microsoft Unified Communications

AudioCodes One Voice for Lync is a unified product and service program intended to simplify and accelerate voice-enablement of Microsoft Lync implementations.

The AudioCodes One Voice for Lync program leverages AudioCodes' Microsoft-qualified end-to-end voice elements, wide-ranging services and extensive expertise to enhance Microsoft Lync voice implementations. AudioCodes One Voice for Lync solutions are available for most Lync deployment architectures, including on-premises, cloud-based and hybrid.

1 One source for all voice network elements

1 One expert team for voice professional services

1 One point of contact for voice support

Lync-compatible IP Phones
- Fully integrated with Lync
- Presence monitoring
- High-definition voice quality (RTAWB/WB)
- Extensive set of essential enterprise phone features

SBCs and Gateways
- Connect Lync to legacy and IP-based PBXs and the PSTN
- Secured SIP Trunking
- Integrate fax machines and analog devices

Branch Office Survivability
- Uninterrupted Lync services in cases of lost WAN connectivity
- Integrated data services
- Advanced call routing capabilities
- Secured SIP trunk and PSTN fallback

Applications for Lync
- Connect 3rd party SIP phones
- Lync-qualified passive call recording
- Auto-attendant with flexible IVR and additional subscriber feature
- Applications may run on AudioCodes SBA hardware

Network & Service Management Tools
- OAM&P tools for pre-deployment staging and live networks
- Integration with Microsoft SCOM
- Voice quality monitoring with Session Experience Manager (SEM)

Professional Services
- Global services portfolio for partners
- Planning, design and implementation
- Extensive post-sales support options

AudioCodes One Voice for Microsoft Lync

On-premises, Cloud-based and Hybrid Microsoft Unified Communications Deployments

AudioCodes offers a wide range of Microsoft-qualified products that are suitable for a variety of unified communications scenarios. AudioCodes products provide key voice infrastructure elements for on-premises and hosted deployments of Microsoft Lync, as well as for Microsoft Exchange Online. With certified service provider connectivity, PBX integration, IP phones, call recording, branch survivability, and voice quality monitoring, AudioCodes boasts the industry's broadest suite of voice solutions for Microsoft unified communications.

As they seek to control capital and operational expenditure, today's enterprises have the option to deploy unified communications as a fully on-premises solution or as a hosted solution, either fully or partially cloud-based. Microsoft's offers a flexible range of hosted unified communications solutions, including both cloud-based deployments and hybrid scenarios where platforms are split between the cloud and on-premises. AudioCodes solutions can be integrated into the following scenarios offered by Microsoft:

- **Lync On-Premises** - Microsoft Lync deployed as an entirely on-premises solution
- **Lync Online Dedicated** - Microsoft-hosted Lync services for a single customer
- **Lync Online Hybrid Voice** - a mixed unified communications implementation combining both on-premises and cloud - based services
- **Lync Partner Hosting (Private/Public Cloud**) - Services offered by Microsoft hosting partners to either multiple customers or a single customer
- **Microsoft Office 365 Exchange Online** - Microsoft-hosted Exchange Unified Messaging services

For more details of AudioCodes solutions for Microsoft Unified Communications visit www.audiocodes/microsoft.

On-Premises

Hybrid

Cloud

[Diagram: AudioCodes One Voice for Lync]

Management

| SIP Trunking | TDM Trunking | Voice Quality Monitoring | Survivable Branch Appliances | Lync Phones |

AudioCodes One Voice for Lync — On-Premises Hybrid Cloud

| Integration with Non-certified IP-PBX | Connectivity to Local PBX | Campus DECT Support | Voice Applications | Call Recording |

Professional Services

Solutions and Services for Microsoft Lync Voice Deployments

Lync Phones — AudioCodes' Lync-compatible IP phones offer full integration with Microsoft Unified Communications including support for Lync presence and Microsoft's wideband RTA codec. The phones also offer high-definition voice quality, a wide range of essential business features, and reliability.

SIP Trunking — SIP trunks can offer significant cost savings for enterprises, eliminating the need for local PSTN gateways. AudioCodes E-SBCs ensure a secure connection between the enterprise Lync Servers and a wide range of SIP Trunking services across the globe.

TDM Trunking — AudioCodes offers scalable Enhanced Gateways for small and large enterprises to connect their Lync Servers to the PSTN. The Enhanced Gateways provide investment protection by supporting gradual migration from the PSTN to SIP Trunking services.
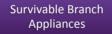
Integration with Non-certified IP-PBX — AudioCodes E-SBCs support direct SIP connectivity and call routing between Lync and existing IP-PBXs, providing easy deployment of Lync in established enterprise networks.

Connectivity to Local PBX — AudioCodes Enhanced Gateways include digital and BRI interfaces, enabling the connection between Lync and legacy telephony systems for gradual migration to Lync.

Survivable Branch Appliances — Survivable Branch Appliances (SBAs) enable continued communications for remote branch offices when connectivity with the central Lync servers is lost. AudioCodes' SBA solutions are based on the widely deployed line of Mediant gateways.

Call Recording — AudioCodes SmartTAP call recording solution enables the passive recording of key business interactions. Compatible with VoIP, TDM and hybrid telephony environments, AudioCodes SmartTAP ensures investment protection with a full migration path to a pure Lync-based telephony environment.

Campus DECT Support — AudioCodes has partnered with a number of leading DECT vendors to offer a fully integrated mobile DECT telephony solution for Lync environments.

Voice Applications — AudioCodes offers a range of essential business voice applications to enhance the core functionality offered by Lync. These applications, such as Auto attendant, run on a dedicated server module integrated into AudioCodes hardware platforms, removing the need for dedicated hardware.

Comprehensive Management Tools — AudioCodes provides a set of powerful management tools for enabling system integrators and IT personnel to ensure smooth deployment and operation of Lync voice solutions. These include a Microsoft SCOM plug-in and the AudioCodes Element Management System (EMS) which enables efficient operation, administration, management, and provisioning (OAM&P) via an intuitive web-based GUI.

Voice Quality Monitoring — AudioCodes Session Experience Manager (SEM) is an intelligent analysis tool used to monitor the quality of Voice over IP calls within the enterprise network and its connecting trunks to service providers. By leveraging SEM, IT managers and administrators of hosted and managed services can quickly identify, fix and prevent issues that can affect Lync users' voice experience.

Professional Services — With 20 years of field experience in the VoIP market, AudioCodes offers a full range of services to assist partners in planning, designing and implementing Lync voice deployments. A comprehensive range of post-sales support options are available to meet all partners' needs.